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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT Lomp et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE February 27, 2002	GROUP 2611	
(Use several sheets if necessary)			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,327,455	07/1994	De Gaudenzi et al.	1		
	5,327,467	07/1994	De Gaudenzi et al.			
	5,329,547	07/1994	Ling			
	5,337,338	08/1994	Sutton et al.			
	5,339,046	08/1994	Komfeld et al.			
	5,339,174	08/1994	Harris			
	5,341,396	08/1994	Higgins et al.			
	5,341,397	08/1994	Gudmundson			
	5,341,456	08/1994	DeJaco			
	5,343,335	08/1994	Hara			
	5,345,467	09/1994	Lomp et al.			
	5,345,596	09/1994	Buchenhorner et al.			
	5,345,598	09/1994	Dent			
	5,347,536	09/1994	Meehan			
	5,349,606	09/1994	Lovell et al.			
	5,351,134	09/1994	Yaguchi et al.			
	5,351,269	09/1994	Schilling			
	5,353,302	10/1994	Bi			
	5,353,352	10/1994	Dent et al.			
	5,355,453	10/1994	Row et al.			
	5,361,276	11/1994	Subramanian			
	5,363,377	11/1994	Sharpe			
	5,363,403	11/1994	Schilling et al.			
	5,365,544	11/1994	Schilling			
	5,365,585	11/1994	Puhl et al.			
	5,367,533	11/1994	Schilling	1		
	5,373,259	12/1994	Hackman et al.			
	5,373,502	12/1994	Turban			
	5,377,183	12/1994	Dent			
	5,377,223	12/1994	Schilling	-		

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,379,242	01/1995	Rose et al.			
	5,383,219	01/1995	Wheatley, III et al.			
	5,386,589	01/1995	Kanai *corresponds to JP H05-244056			
	5,390,207	02/1995	Fenton et al.			
	5,392,287	02/1995	Tiedemann, Jr. et al.			
	5,396,516	03/1995	Padovani et al.			
	5,396,539	03/1995	Slekys et al.			
	5,398,243	03/1995	Aguilhon et al.			
	5,404,376	04/1995	Dent			
	5,406,559	04/1995	Edem et al.			
	5,406,615	04/1995	Miller II, et al.			
	5,408,697	04/1995	Price et al.			
	5,410,568	04/1995	Schilling			
	5,412,686	05/1995	Ling			
	5,414,728	05/1995	Zehavi			
	5,414,729	05/1995	Fenton			
	5,414,732	05/1995	Kaufmann			
	5,414,796	05/1995	Jacobs et al.			
	5,416,797	05/1995	Gilhousen et al.			
	5,418,624	05/1995	Ahmed			
	5,420,850	05/1995	Umeda et al.			
	5,420,864	05/1995	Dahlin et al.			
	5,420,896	05/1995	Schilling			
	5,422,908	06/1995	Schilling			
	5,430,724	07/1995	Fall et al.			
	5,430,760	07/1995	Dent			
	5,440,597	08/1995	Chung et al.			
	5,442,625	08/1995	Gitlin et al.			
	5,442,662	08/1995	Fukasawa et al.			
	5,446,683	08/1995	Mullen et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,446,756	08/1995	Mallinckrodt			
	5,448,600	09/1995	Lucas			
	5,454,026	09/1995	Tanaka			
	5,459,758	10/1995	Moore			
	5,459,759	10/1995	Schilling			
	5,461,639	10/1995	Wheatley, III, et al.			
	5,465,399	11/1995	Oberholtzer et al.			
	5,483,549	01/1996	Weinberg et al.			
	5,485,486	01/1996	Gilhousen et al.			
	5,487,089	01/1996	Misaizu et al.			
	5,487,180	01/1996	Ohtake *corresponds to JP H7-075154			
	5,488,629	01/1996	Takahashi et al.			
	5,506,864	04/1996	Schilling			
	5,508,708	04/1996	Ghosh et al.			
	5,509,126	04/1996	Oprescu et al.			
	5,519,736	05/1996	Ishida			
	5,528,593	06/1996	English et al.			
	5,528,624	06/1996	Kaku et al.	i		
	5,535,238	07/1996	Schilling et al.			
	5,535,278	07/1996	Cahn et al.			
	5,541,606	07/1996	Lennen			
	5,544,156	08/1996	Teder et al.			
	5,544,196	08/1996	Tiedemann, Jr. et al.			
	5,546,424	08/1996	Miyake			
	5,548,613	08/1996	Kaku et al.			
	5,550,811	08/1996	Kaku et al.			
	5,559,790	09/1996	Yano et al.			
	5,561,669	10/1996	Lenney et al.			
	5,563,907	10/1996	Lomp			
	5,563,912	10/1996	Yasunaga et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IS APPROPRIATE
	5,568,483	10/1996	Padovani et al.			
	5,570,349	10/1996	Bustamante et al.			
	5,570,353	10/1996	Keskitalo et al.			
	5,574,754	11/1996	Kurihara et al.			
	5,574,775	11/1996	Miller, II et al.			
	5,574,983	11/1996	Douzono et al.			
	5,579,374	11/1996	Doi et al.			
	5,581,547	12/1996	Umeda et al.			
	5,590,409	12/1996	Sawahashi et al.			
	5,594,718	01/1997	Weaver, Jr. et al.			
	5,596,570	01/1997	Soliman			
	5,602,833	02/1997	Zehavi			
	5,603,096	02/1997	Gilhousen et al.			
	5,604,730	02/1997	Tiedemann, Jr.			
	5,610,940	03/1997	Durrant et al.			
	5,613,228	03/1997	Tuttle et al.			
	5,619,524	04/1997	Ling et al.			
	5,619,526	04/1997	Kim et al.			
	5,621,416	04/1997	Lennen			
	5,621,723	04/1997	Walton, Jr., et al.			
	5,627,835	05/1997	Witter			
	5,627,855	05/1997	Davidovici			
	5,629,955	05/1997	McDonough			
	5,638,362	06/1997	Dohi et al.			
	5,644,590	07/1997	Sugita			
	5,652,765	07/1997	Adachi et al.			
	5,654,980	08/1997	Latva-aho et al.			
	5,657,343	08/1997	Schilling			
	5,673,259	09/1997	Quick, Jr.	1		
	5,673,286	09/1997	Lomp			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,675,581	10/1997	Soliman			
	5,689,502	11/1997	Scott			
	5,689,815	11/1997	Yamazaki et al.			
	5,691,974	11/1997	Zehavi et al.			
	5,692,008	11/1997	Van Nee			
	5,710,768	01/1998	Ziv et al.			
	5,712,869	01/1998	Lee et al.			
	5,715,536	02/1998	Weaver at al.			
	5,722,051	02/1998	Agrawal et al.			
	5,745,484	04/1998	Scott			
	5,754,803	05/1998	Regis			
	5,757,767	05/1998	Zehavi			
	5,771,451	06/1998	Takai et al.			
	5,781,584	07/1998	Zhou et al.			
	5,790,591	08/1998	Gold et al.			
	5,802,046	09/1998	Scott			
	5,812,593	09/1998	Kaku			
	5,812,938	09/1998	Gilhousen et al.			
	5,822,318	10/1998	Tiedemann et al.			
	5,828,662	10/1998	Jalali et al.			
	5,841,768	11/1998	Ozluturk et al.			
	5,844,935	12/1998	Shoji			
	5,870,378	02/1999	Huang et al.			
	5,872,810	02/1999	Philips et al.			
	5,875,400	02/1999	Madhavapeddy et al.			
	5,878,329	03/1999	Mallinckrodt			
	5,878,350	03/1999	Nakamura et al.			
	5,881,056	03/1999	Huang et al.			
	5,881,368	03/1999	Grob et al.	1		
	5,884,187	03/1999	Ziv et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,884,196	03/1999	Lekven et al.			
	5,896,368	04/1999	Dahlman et al.			
	5,898,665	04/1999	Sawahashi et al.			
	5,926,501	07/1999	Souissi et al.			
•	5,933,781	08/1999	Willenegger et al.			
	5,940,382	08/1999	Haim			
	5,940,771	08/1999	Gollnick et al.			
	5,943,361	08/1999	Gilhousen et al.			
	5,953,346	09/1999	Luddy			
	5,959,080	09/1999	Scott			
	5,959,980	09/1999	Scott			
	5,966,403	10/1999	Pon			
	6,018,528	01/2000	Gitlin et al.			
	6,021,123	02/2000	Mimura			
	6,038,577	03/2000	Burshtein			
	6,072,787	06/2000	Hamalainen et al.			
	6,088,335	07/2000	I et al.			
	6,104,748	08/2000	Kaku			
	6,108,537	08/2000	Comer et al.			
	6,122,292	09/2000	Watanabe et al.			
	6,141,374	10/2000	Burns			
	6,181,949	01/2001	Ozluturk et al.			
	6,212,399	04/2001	Kumar et al.			
	6,226,316	05/2001	Schilling et al.			
	6,252,866	06/2001	Haim			
	6,286,040	09/2001	Durham			
	6,289,040	09/2001	Moley-Shteiman			
	6,292,519	09/2001	Popovic			
	6,335,924	01/2002	Yano et al.			
	6,347,083	02/2002	Nishino			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
,	6,356,555	03/2002	Rakib et al.			
	6,393,049	05/2002	Davidovici et al.			
	6,396,867	05/2002	Tiedemann, Jr. et al.			
	6,396,897	05/2002	Tiedemann et al.			
	6,405,272	06/2002	Regis			
	6,434,124	08/2002	Rege			
	6,463,295	10/2002	Yun			
	6,487,190	11/2002	Regis			
	6,490,462	12/2002	Ozluturk et al.			
	6,493,563	12/2002	Ozluturk et al.			
	6,507,745	01/2003	Ozluturk et al.			
	6,510,148	01/2003	Honkasalo			
	6,519,277	02/2003	Eidson			
	6,519,461	02/2003	Andersson et al.			
	6,549,565	04/2003	Buehrer et al.			
	6,571,105	05/2003	Ozluturk et al.			
	6,577,876	06/2003	Ozluturk et al.			
	6,587,447	07/2003	Wang et al.			
	6,590,883	07/2003	Kitade et al.			
	6,590,889	07/2003	Preuss et al.			
	6,606,503	08/2003	Ozluturk et al.			
	6,608,825	08/2003	Luddy			
	6,654,613	11/2003	Maeng et al.			
	6,671,266	12/2003	Moon et al.			
	6,708,041	03/2004	Butovitsch et al.			
	6,760,321	07/2004	Shamsunder			
	6,763,244	07/2004	Chen et al.			
	6,778,551	08/2004	Magnus et al.			
	6,778,840	08/2004	Ozluturk et al.			
	6,839,567	01/2005	Ozluturk et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,847,821	01/2005	Lewis et al.			
	6,853,675	02/2005	Oleynik			
	6,865,168	03/2005	Sekine			
	6,879,841	04/2005	Ozluturk et al.			
	6,904,294	06/2005	Ozluturk et al.			
	7,117,004	10/2006	Ozluturk et al.			
	7,190,966	03/2007	Ozluturk et al.			
	5,566,1651	10/1996	Sawahashi et al.			
	20020101832	08/2002	Chen et al.			
	20030190925	10/2003	Ozluturk et al.			
	20040005020	01/2004	Dent			
	20050249165	11/2005	Ozluturk et al.			
	20050254478	11/2005	Ozluturk et al.			
	20060088134	04/2006	Gilhousen et al.			
	20060098759	05/2006	Tiedemann, Jr. et al.			
	20070002934	01/2007	Schilling			

	FOREIGN PATENT DOCUMENTS						
EXAMINER	R			TRANSLATION			
INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	3743731	07/1989	DE			Х**	
	3743732	07/1989	DE			X**	
	0022170	01/1981	EP				
	0372350	06/1990	EP				
	0462572	12/1991	EP				
	0464839	01/1992	EP				
	0476215	03/1992	EP				
	0505341	09/1992	EP				
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INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	0515335	05/1992	EP				
	0525860	02/1993	EP				
	0526106	02/1993	EP				
	0565507	10/1993	EP				
	0615395	09/1994	EP				
	0631397	12/1994	EP				
	0637179	02/1995	EP				
	0654913	05/1995	EP				
	0656716	06/1995	EP				
	0668662	08/1995	EP				
	0682423	11/1995	EP				
	0744876	11/1996	EP				
	2280575	02/1995	GB				
	2301746	12/1996	GB				
	H06-343068	12/1994	JP				
	H05-300077	11/1993	JP			X**	
	H02-287874	11/1990	JP				
	H04-287593	10/1992	JP				
	H06-276176	09/1994	JP			X**	
	H07-273600	10/1995	JP				
	S62-256516	11/1987	JP				
	H02-256331	10/1990	JP				
	H04-222111	08/1992	JP				
	S63-198423	08/1988	JP				
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INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		H05-144128	06/1993	JP				
	*	H05-129969	05/1993	JP			X**	
		H01-124730	08/1989	JP				
	*	H06-120865	04/1994	JP			X**	
		H07-107007	04/1995	JP			X**	
		H06-104829	04/1994	JP				
		H06-104694	04/1994	JP				
		H05-083381	04/1993	JP				
		H07-079477	03/1995	JP			Х**	
		H07-058665	03/1995	JP				
		H07-050631	02/1995	JP			X**	
		H07-046180	02/1995	JP			X**	
		H03-040535	02/1991	JP				
		H05-022285	1/1993	JP			X**	
		H06-006374	01/1994	JP				
		H05-244056	09/1993	JP * corresponds to US 5,386,589			Х	
		H07-095151	04/1995	JP *corresponds to US 5,487,180			Х	
		9200639	01/1992	WO				
		9221196	11/1992	WO				
		9307702	04/1993	WO				
		9309626	05/1993	wo				
		9314588	07/1993	WO				
		9416513	07/1994	WO				
		9428640	12/1994	WO				
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EXAMINER						TRAN	SLATION
INTIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	9503652	02/1995	wo				
	9507578	03/1995	WO				
	9508876	03/1995	WO				
	9512257	05/1995	WO				
	9515038	06/1995	wo				
	9702665	01/1997	wo				
	9702675	01/1997	wo				
	9707600	02/1997	wo				
	9013942	11/1990	WO *equivalent to US 5,027,306			Х	

	OTHER DOCUMENTS
EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*Public Version Of Respondents Samsung Electronics America, Inc.'s and Samsung Telecommunications America LLC's Response to the Complaint and Notice of Investigation," In the Matter of Certain 3G Wideband Code Division Multiple Access (WCDMA) Handsets And Components Thereof, (United States International Trade Commission), (Investigation No. 337-TA-601), (May 31, 2007).
	ALAVI, Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System, (1984) (unpublished Ph.D. thesis – Michigan State University Department of Electrical Engineering and Systems Science) (on life with the Michigan State University Libraries).
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	ANDERMO ET AL., "Code Division Testbed, CODIT," Record, ICUPC'93 Conference, pp. 397 - 401, (IEEE 1993).
	ANDERMO ET AL., "CODIT, a Testbed Project Evaluating DS-CDMA for UMTS/FPLMTS," pp. 21-25, IEEE (1994).
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^{**} English Abstract only.

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	ASSOCIATION OF RADIO INDUSTRIES AND BUSINESSES (ARIB), Specifications of Air-Interface for 3G Mobile System, Volume 3, ver. 1.0, (January 14, 1999)
	AZAD ET AL.," Multirate Spread Spectrum Direct Sequence CDMA Techniques", <u>IEEE Colloquium on Spread Spectrum Techniques for Radio Communication Systems</u> , Digest No. 1994/ 099, pp. 4/1-4/5, (IEEE, 1994).
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	BLASBALG, "A Comparison of Pseudo-Noise and Conventional Modulation For Multiple-Access Satellite Communications," IBM Journal, pp. 241 – 255, (July 1965).
	BRAUN ET AL., "An All-Digital Receiver for Satellite Audio Broadcasting Signals Using Trellis Coded Quasi-Orthogonal Code-Division Multiplexing," <u>European Transactions on Telecommunications and Related Technologies</u> , vol. 4, no. 1, pp. 2-3-32, (February 1993).
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